EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	479	717/170.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:37
L2	184	717/172.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L3	346	717/173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L4	609	717/174.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L5	233	717/175.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L6	278	717/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L7	233	717/177.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L8	381	717/178.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L9	759	717/168.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36

EAST Search History

L11	186	717/169.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L12	1	717/170.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:38
L13	2	717/172.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:38
L14	1	717/173.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:38
L15	1	717/174.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L16	1	717/175.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L17	0	717/176.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L18	1	717/177.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L19	1	717/178.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L20	2	717/168.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39

L21	2	717/169.ccls. and (updat$3 or patch$3) same differenc$3 same (transmit$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:40
L22	3	717/169.ccls. and (updat$3 or patch$3) same bits same (less or fewer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:40
L23	1	717/168.ccls. and (updat$3 or patch$3) same bits same (less or fewer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:40
L24	4	717/17?.ccls. and (updat$3 or patch$3) same bits same (less or fewer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:42
L25	51	717/17?.ccls. and (updat$3 or patch$3) same (catalog or log or file) near3 (architecture or "operating system" or "natural language")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:43
L26	59	l12 l13 l14 l15 l16 l17 l18 l19 l20 l21 l22 l23 l24 l25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 14:13
L27	2	"6052531".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:52
L28	2	"6651249".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:54
L29	2	"6651249".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:54
L30	34	(l12 l13 l14 l15 l16 l17 l18 l19 l20 l21 l22 l23 l24 l25) and (creat$3 or develop$3 or generat$3) near3 (patch$3 or updat$3 or upgrad$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 14:14

EAST Search History

S1	2	"6651246".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 16:15
S2	2	"6651249".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 17:12
S3	8	("5664109"|"5845253"|"6151581"|"6154726").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 17:12
S4	8	("5664109"|"5845253"|"6151581"|"6154726").PN. ("5664109"|"5845253"|"6151581"|"6154726").PN. ("5664109"|"5845253"|"6151581"|"6154726").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 17:14
S5	173	("5664109"|"5845253"|"6151581"|"6154726" "20010018739"|"20020007400"|"4962532"|"5337354"|"5508817"|"5555346"|"5557723"|"5613108"|"5619548"|"5694616"|"5717923"|"5774552"|"5781901"|"5794210"|"5832220"|"5892900"|"5903880"|"5911048"|"5917489"|"5933811"|"5948058"|"5960411"|"5999967"|"6057841"|"6073142"|"6134685"|"6138146"|"6145079"|"6146026"|"6147977"|"6161130"|"6161181"|"6185603"|"6199081"|"6260059"|"6345256"|"6363415"|"6374237"|"6421669"|"6460036"|"6460050"|"6490587"|"6493722"|"6609196" "3969723"|"4558413"|"4714992"|"4809170"|"5155847"|"5182806"|"5204960"|"5479654"|"5495610"|"5519868"|"5566335"|"5574906"|"5581764"|"5649200"|"5671398"|"5673387"|"5699275"|"5729743"|"5790856"|"5799189"|"5893113"|"5905896"|"5909581"|"5933647"|"5948104"|"5960204"|"6006034"|"6006242"|"6035423"|"6052531"|"6081814"|"6092080"|"6119165"|"6151643"|"6349407"|"6510552"|"6535894"|"6651249").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 07:23

S6	18	("5953532" "6088803" "6178551" "6418555" "6484315" "5337354" "6654787" "6771765").pn. or "20040133776"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 07:54
S7	4	("6654787" "6771765").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 08:30
S8	2	("5619648").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 08:54
S9	16	(virus near3 protect$3) and detect$3 and (signature or checksum or crc) and (data or program or database or graphics or bitmap or audio or video or multimedia or file) and spam and firewall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:25
S10	0	"6651249".pn. and (fingerprint or "finger print" or signature or checksum or crc) and (unwanted or spam) and firewall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:26
S11	262119	"6651249".pn. and (fingerprint or "finger print" or signature or checksum or crc) or (unwanted or spam) or firewall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:26
S12	1	"6651249".pn. and ((fingerprint or "finger print" or signature or checksum or crc) or (unwanted or spam) or firewall)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:30
S13	7813	virus near3 (detect$3 or protect$3 or determin$5 or prevent$3) and (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:32
S14	664	virus near3 (detect$3 or protect$3 or determin$5 or prevent$3) same (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:32

S15	233	virus near3 (detect$3 or protect$3 or determin$5 or prevent$3) same (signature or checksum or crc or fingerprint or "finger print" or identifier or identity) and 7??/???.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:35
S16	27	"virus protection software" and virus near3 (detect$3 or protect$3 or determin$5 or prevent$3) same (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:36
S17	5	(patch$3 or updat$3 or upgrad$3 or version$3) near5 "virus protection software" and virus near3 (detect$3 or protect$3 or determin$5 or prevent$3) same (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:37
S18	28	(patch$3 or updat$3 or upgrad$3 or version$3) near5 "virus protection software" and (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:39
S19	35	(install$5 or patch$3 or updat$3 or upgrad$3 or version$3) near5 "virus protection software" and (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:53
S20	7	S19 not S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:40
S21	3862	(install$5 or patch$3 or updat$3 or upgrad$3 or version$3) near5 (virus or protection) and ((digital near sign$5) or signature or checksum or crc or fingerprint$3 or "finger print" or identifier or identity of filter$3 or spam$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:55
S22	1747	(install$5 or patch$3 or updat$3 or upgrad$3 or version$3) near5 (virus or protection) and ((digital near sign$5) or signature or checksum or crc or fingerprint$3 or "finger print" or identifier or identity of filter$3 or spam$4) and (delta or hub or differenc$3 or diff)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:56

S23	473	(install$5 or patch$3 or updat$3 or upgrad$3 or version$3) near5 (virus or protection) and ((digital near sign$5) or signature or checksum or crc or fingerprint$3 or "finger print" or identifier or identity of filter$3 or spam$4) and (delta or hub or differenc$3 or diff) and 7??/???.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 10:47
S24	435	717/170.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 10:48
S25	11	717/170.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:30
S26	0	"60947731".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:27
S27	2	"6094731".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:27
S28	3	717/168.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
S29	1	717/169.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
S30	4	717/171.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31

S31		5	717/172.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
S32		8	717/173.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
S33		2	717/174.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
S34		2	717/175.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
S35		4	717/176.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:32
S36		5	717/177.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:32
S37		7	717/178.ccls. and (updat$3 or patch$3 or version$3 or upgrad$3) same (diff or differenc$3 or delta or hub or changes) same (transmission or transmit$4 or push$3 or relay$2 or download$3 or send$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:32
S38		27	S28 S29 S30 S31 S32 S33 S34 S35 S36 S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:33

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· USPTO

Published since January 1985 and Published before March 1998

Terms used **update differenc state creat develop generat**

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Results 1 - 20 of 200   Result page: **1** <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u> ne

Best 200 shown   R(

1 <u>Fast detection of communication patterns in distributed executions</u>
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for A on Collaborative research**
Publisher: IBM Press
Full text available: 🖹 <u>pdf(4.21 MB)</u>   Additional Information: <u>full citation</u>, <u>abst</u>
                                                          <u>index terms</u>

> Understanding distributed applications is a tedious and difficult task. Vis
> on process-time diagrams are often used to obtain a better understanding
> the application. The visualization tool we use is Poet, an event tracer dev
> University of Waterloo. However, these diagrams are often very comple:
> the user with the desired overview of the application. In our experience,
> repeated occurrences of non-trivial commun ...

2 <u>An approach to support automatic generation of user interfaces</u>
◈ Prasun Dewan, Marvin Solomon
October 1990 **ACM Transactions on Programming Languages and Sys**
          Volume 12 Issue 4
Publisher: ACM Press
Full text available: 🖹 <u>pdf(3.55</u>   Additional Information: <u>full citation</u>, <u>abst</u>

MB)   citings, index ten

In traditional interactive programming environments, each application in its interaction with the human user. The result is duplication of effort in i interface code and nonuniform—hence confusing—input conventions. T an approach to support automatic generation of user interfaces in enviror algebraic languages. The approach supports the editing model of interact user to view all appli ...

3 Query evaluation techniques for large databases

Goetz Graefe

June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2
Publisher: ACM Press

Full text available: pdf(9.37   Additional Information: full citation, abst
              MB)   citings, index ten

Database management systems will continue to manage large data volun algorithms for accessing and manipulating large sets and sequences will provide acceptable performance. The advent of object-oriented and extei systems will not solve this problem. On the contrary, modern data model problem: In order to manipulate large sets of complex objects as efficien database systems manipulate simple records, query-processi ...

Keywords: complex query evaluation plans, dynamic query evaluation ļ database systems, iterators, object-oriented database systems, operator m parallelization, parallel algorithms, relational database systems, set-matc sort-hash duality

4 An execution model for limited ambiguity rules and its application to deriv

I.-Min A. Chen, Richard Hull, Dennis McLeod

December 1995 **ACM Transactions on Database Systems (TODS)**, Vol
Publisher: ACM Press

Full text available: pdf(3.36   Additional Information: full citation, abst
              MB)   citings, index ten

A novel execution model for rule application in active databases is devel the problem of updating derived data in a database represented using a se based database model. The execution model is based on the use of "limit

rules" (LARs), which permit disjunction in rule actions. The execution n
performs a breadth-first exploration of alternative extensions of a user-re
Given an object-based database schema, ...

Keywords: active database systems, deltas on database states, derived d;
ambiguity rules, semantic data models, update propagation

5 Federated database systems for managing distributed, heterogeneous, and ;
databases
Amit P. Sheth, James A. Larson
September 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 3
Publisher: ACM Press
Full text available: pdf(5.02   Additional Information: full citation, abst
                MB)   citings, index ten

A federated database system (FDBS) is a collection of cooperating datab
autonomous and possibly heterogeneous. In this paper, we define a refer
distributed database management systems from system and schema view
how various FDBS architectures can be developed. We then define a me
developing one of the popular architectures of an FDBS. Finally, we dis(
related to developing and operating an FDBS.

6 Automatic generation of production rules for integrity maintenance
Stefano Ceri, Piero Fraternali, Stefano Paraboschi, Letizia Tanca
September 1994 **ACM Transactions on Database Systems (TODS)**, Vol
Publisher: ACM Press
Full text available: pdf(3.42   Additional Information: full citation, abst
                MB)   citings, index ten

In this article we present an approach to integrity maintenance, consistin
generating production rules for integrity enforcement. Constraints are ex
formulas of Domain Relational Calculus; they are automatically translat(
repair actions, encoded as production rules of an active database system.
may be redundant (they enforce the same constraint in different ways) ar
(because repairing one constraint may caus ...

Keywords: automatic generation of production rules

7 Chiron-1: a software architecture for user interface development, maintena
support
Richard N. Taylor, Kari A. Nies, Gregory Alan Bolcer, Craig A. MacFarla:
Anderson, Gregory F. Johnson
June 1995 **ACM Transactions on Computer-Human Interaction (TOC]**
Issue 2
Publisher: ACM Press
Full text available: pdf(2.65   Additional Information: full citation, abst
MB)   citings, index ten

The Chiron-1 user interface system demonstrates key techniques that ena
separation of an application from its user interface. These techniques inc
control-flow aspects of the application and user interface: they are concu
contain many threads. Chiron also separates windowing and look-and-fe
dialogue and abstract presentation decisions via mechanisms employing
architecture. To separate application code from user interf ...

Keywords: artists, client-server, concurrency, event-based integration, u
architectures

8 Human-computer interface development: concepts and systems for its man
H. Rex Hartson, Deborah Hix
March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1
Publisher: ACM Press
Full text available: pdf(7.97   Additional Information: full citation, abst
MB)   citings, index ten

Human-computer interface management, from a computer science view
process of developing quality human-computer interfaces, including thei
design, implementation, execution, evaluation, and maintenance. This su
important concepts of interface management: dialogue independence, str
representation, interactive tools, rapid prototyping, development method
structures. *Dialogue independence* is th ...

9 Pen computing: a technology overview and a vision
André Meyer

July 1995 **ACM SIGCHI Bulletin,** Volume 27 Issue 3
Publisher: ACM Press
Full text available: ⬚ pdf(5.14   Additional Information: <u>full citation</u>, <u>abst</u>
             <u>MB)</u>   <u>terms</u>

This work gives an overview of a new technology that is attracting grow
public as well as in the computer industry itself. The visible difference fi
technologies is in the use of a pen or pencil as the primary means of intei
user and a machine, picking up the familiar pen and paper interface meta
follows a set of consequences that will be analyzed and put into context ·
technologies and visions.Starting with a short historic ...

10 <u>The family of concurrent logic programming languages</u>
◈ Ehud Shapiro
September 1989 **ACM Computing Surveys (CSUR),** Volume 21 Issue 3
Publisher: ACM Press
Full text available: ⬚ pdf(9.62   Additional Information: <u>full citation</u>, <u>abst</u>
             <u>MB)</u>   <u>citings</u>, <u>index ten</u>

Concurrent logic languages are high-level programming languages for pi
distributed systems that offer a wide range of both known and novel con
programming techniques. Being logic programming languages, they pres
advantages of the abstract logic programming model, including the logic
programs and computations, the convenience of representing data structi
terms and manipulating them using unification, and the amenability to m

11 <u>Developing and empirically evaluating robust explanation generators: the I</u>
<u>experiments</u>
James C. Lester, Bruce W. Porter
March 1997 **Computational Linguistics,** Volume 23 Issue 1
Publisher: MIT Press
Full text available: ⬚ pdf(2.64
             <u>MB)</u> ⬚   Additional Information: <u>full citation</u>, <u>abst</u>
             <u>Publisher</u>   <u>citings</u>
             <u>Site</u>

To explain complex phenomena, an explanation system must be able to :
from a formal representation of domain knowledge, organize the selectec
multisentential discourse plans, and realize the discourse plans in text. A

have witnessed significant progress in the development of sophisticated ‹
mechanisms for explanation, empirical results have been limited. This p‹
seven-year effort to empirically study explanation ge ...

12 Types and persistence in database programming languages

Malcolm P. Atkinson, O. Peter Buneman
June 1987 **ACM Computing Surveys (CSUR)**, Volume 19 Issue 2
Publisher: ACM Press

Full text available: pdf(7.91 MB)   Additional Information: full citation, abst
citings, index ter

Traditionally, the interface between a programming language and a datal
through a set of relatively low-level subroutine calls, or it has required s‹
embedding of one language in another. Recently, the necessity of integr‹
programming language techniques has received some long-overdue reco
a number of attempts have been made to construct programming langua‹
integrated database management systems. These lang ...

13 Special issue: AI in engineering

D. Sriram, R. Joobbani
April 1985 **ACM SIGART Bulletin**, Issue 92
Publisher: ACM Press

Full text available: pdf(8.79 MB)   Additional Information: full citation, abst

The papers in this special issue were compiled from responses to the ann
July 1984 issue of the SIGART newsletter and notices posted over the A
interest being shown in this area is reflected in the sixty papers received
countries. About half the papers were received over the computer netwo1

14 Building real-time groupware with GroupKit, a groupware toolkit

Mark Roseman, Saul Greenberg
March 1996 **ACM Transactions on Computer-Human Interaction (TO‹**
Issue 1
Publisher: ACM Press

Full text available: pdf(2.74 MB)   Additional Information: full citation, abst
citings, index ter

This article presents an overview of GroupKit, a groupware toolkit that 1

applications for synchronous and distributed computer-based conferenci
constructed from our belief that programming groupware should be only
building functionally similar single-user systems. We have been able to :
the implementation complexity of groupware through the key features th
GroupKit. A runtime infrastructure

Keywords: GroupKit, computer-supported cooperative work, groupwar
synchronous groupware, user interface toolkits

15 IS '97: model curriculum and guidelines for undergraduate degree program
systems
Gordon B. Davis, John T. Gorgone, J. Daniel Couger, David L. Feinstein,]
Longenecker
December 1996 **ACM SIGMIS Database , Guidelines for undergraduat
on Model curriculum and guidelines for undergraduat
in information systems IS '97**, Volume 28 Issue 1
Publisher: ACM Press
Full text available: _pdf(7.24
MB)   Additional Information: full citation, citir

16 Reflections on NoteCards: seven issues for the next generation of hyperme
Frank,G. Halasz
July 1988 **Communications of the ACM**, Volume 31 Issue 7
Publisher: ACM Press
Full text available: _pdf(2.26   Additional Information: full citation, abst
MB)   citings, index ter

NoteCards, developed by a team at Xerox PARC, was designed to suppc
transforming a chaotic collection of unrelated thoughts into an integratec
interpretation of ideas and their interconnections. This article presents N
against which to explore some of the major limitations of the current ger
hypermedia systems, and characterizes the issues that must be addressed
next generation systems.

17 Concepts and paradigms of object-oriented programming
Peter Wegner

August 1990 **ACM SIGPLAN OOPS Messenger,** Volume 1 Issue 1
Publisher: ACM Press
Full text available: 🗐 pdf(5.52   Additional Information: <u>full citation</u>, <u>abst</u>
       <u>MB)</u>   <u>terms</u>

> We address the following questions for object-oriented programming: *Wi*
> *goals? What are its origins? What are its paradigms? What are its design*
> *are its models of concurrency? What are its formal computational model.*
> *object-oriented programming?* Starting from software engineering goals,
> origins and paradigms of object-oriented programming, explore its langu
> alternativ ...

18 <u>Using witness generators to support bi-directional update between object-b</u>
◈ <u>(extended abstract)</u>
Ti-Pin Chang, Richard Hull
May 1995 **Proceedings of the fourteenth ACM SIGACT-SIGMOD-SIC**
                 on Principles of database systems
Publisher: ACM Press
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       <u>MB)</u>   <u>index terms</u>

19 <u>Updating systems development courses to incorporate fourth generation to</u>
◈ Carol Chrisman, Barbara Beccue
March 1985 **ACM SIGCSE Bulletin , Proceedings of the sixteenth SIG(**
                 symposium on Computer science education SIGCSE '85, `
Publisher: ACM Press
Full text available: 🗐 pdf(554.58 Additional Information: <u>full citation</u>, <u>refe</u>
       <u>KB)</u>   <u>index terms</u>

20 <u>A high-level and flexible framework for implementing multiuser user inter</u>
◈ Prasun Dewan, Rajiv Choudhary
October 1992 **ACM Transactions on Information Systems (TOIS),** Vol
Publisher: ACM Press
Full text available: 🗐 pdf(2.82   Additional Information: <u>full citation</u>, <u>abst</u>
       <u>MB)</u>   <u>citings</u>, <u>index ter</u>

We have developed a high-level and flexible framework for supporting t
multiuser interfaces. The framework is based on a generalized editing in
which allows users to view programs as active data that can be concurre
multiple users. It consists of several novel components including a refine
Seeheim UIMS architecture and the distributed graphics architecture tha
addresses multiuser interaction; the abstractions of sha ...

Keywords: computer-supported cooperative work, editing, groupware, t
management systems

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